



Preliminary Information

PIP4158H Low Oil Pump Pressure Due To Sticking Oil Pressure Relief Valve

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Buick	Allure	2008 - 2009	All	All	V8 All	All
Buick	Lacrosse	2008 - 2009	All	All	V8 All	All
Buick	Rainer	2007	All	All	V8 All	All
Cadillac	CTS V	2007 - 2015	All	All	V8 All	All
Cadillac	Escalade	2007 - 2014	All	All	V8 All	All
Chevrolet	Avalanche	2006 - 2014	All	All	V8 All	All
Chevrolet	Camaro	2010 - 2015	All	All	V8 All	All
Chevrolet	Corvette	2006 - 2018	All	All	V8 All	All
Chevrolet	Colorado	2008 - 2013	All	All	V8 All	All
Chevrolet	Express	2006 - 2017	All	All	V8 All	All
Chevrolet	Impala	2006 - 2009	All	All	V8 All	All
Chevrolet	Monte Carlo	2006 - 2009	All	All	V8 All	All
Chevrolet	Silverado	2006 - 2013	All	All	V8 All	All
Chevrolet	Suburban	2006 - 2014	All	All	V8 All	All
Chevrolet	Tahoe	2006 - 2014	All	All	V8 All	All
Chevrolet	Trail Blazer	2006 - 2013	All	All	V8 All	All
GMC	Canyon	2008 - 2013	All	All	V8 All	All
GMC	Envoy	2006 - 2013	All	All	V8 All	All
GMC	Savana	2006 - 2017	All	All	V8 All	All
GMC	Sierra	2006 - 2013	All	All	V8 All	All
GMC	Yukon	2006 - 2014	All	All	V8 All	All
Hummer	H2	2007 - 2010	All	All	V8 All	All
Hummer	H3	2008 - 2010	All	All	V8 All	All
Pontiac	Grand Prix	2007 - 2008	All	All	V8 All	All
Pontiac	G8	2008 - 2010	All	All	V8 All	All
Saab	97X	2006 - 2009	All	All	V8 All	All

The following diagnosis might be helpful if the vehicle exhibits the symptom(s) described in this PI.

Following Aluminum V8 Engine RPOs:

L76, L77, L92, L94, L99, L9H, LC9, LH6, LH8, LH9, LMG, LS2, LS3, LS4, LS7, LS9, LSA, LZ1

Suppression Statement:

This PI was superseded to change the Condition/Concern. Please discard PIP4158G.

Condition / Concern

Some customers may complain of low oil pressure, no oil pressure, and/or engine noise possible P0521, which may be the result of a sticking oil pump pressure relief valve. In some instances, this may occur intermittently if the valve frees up when the engine cools down.

Recommendations / Instructions

If SI diagnosis isolates low mechanical oil pressure at the oil filter housing and oil pressure sensor, replace the oil pump, flush the oil cooler lines (if equipped). Clean the inside of the oil pan, change the oil and filter, and re-evaluate the concern.

Notice: If an engine noise is noticed after replacing the oil pump, follow the SI diagnosis and repair the engine as necessary.

Warranty Information

For vehicles repaired under the Powertrain coverage, use the following labor operation. Reference the Applicable Warranties section of Investigate Vehicle History (IVH) for coverage information.

Labor Operation	Description	Labor time
4066070	Oil Pump Replacement	Use Published Labor Operation Time

Please follow this diagnostic or repair process thoroughly and complete each step. If the condition exhibited is resolved without completing every step, the remaining steps do not need to be performed.



GENERAL MOTORS